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**From : Winston Hsu, Registration No. 41,526**

**Serial No.: 10/604,683**

**Attorney Docket No.: LUCP0007USA**

**Subject: Information Disclosure Statement (IDS)**

**Total Pages: 44 pages (including cover page)**

**Winston Hsu 2006/01/04**

**LUCP0007USA0\_D1\_3**

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/604,683	
	Filing Date	08/10/2003	
	First Named Inventor	Chih-Sheng Chou	
	Art Unit	2644	
	Examiner Name	CHIN, VIVIAN C	
Total Number of Pages in This Submission	43	Attorney Docket Number	LUCP0007USA

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	North America Intellectual Property Corporation		
Signature	<i>Winston Hsu</i>		
Printed name	Winston Hsu		
Date	01/04/2006	Reg. No.	41,526

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature	<i>Cindy Lin</i>		
Typed or printed name	Cindy Lin	Date	01/04/2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04)

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## FEE TRANSMITTAL For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$) 0.00

**Complete if Known**

Application Number	10/604,683
Filing Date	08/10/2003
First Named Inventor	Chih-Sheng Chou
Examiner Name	CHIN, VIVIAN C
Art Unit	2644
Attorney Docket No.	LUCP0007USA

**METHOD OF PAYMENT (check all that apply)**

☐ Check   ☐ Credit Card   ☐ Money Order   ☐ None   ☐ Other (please identify): \_\_\_\_\_  
☒ Deposit Account   Deposit Account Number: 50-3105   Deposit Account Name: North America Intellectual Property Corp.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below   ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17   ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION**
**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

**Total Claims**   **Extra Claims**   **Fee (\$)**   **Fee Paid (\$)**   **Multiple Dependent Claims**  
 \_\_\_\_\_ - 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_   **Fee (\$)**   **Fee Paid (\$)**  
 HP = highest number of total claims paid for, if greater than 20  
**Indep. Claims**   **Extra Claims**   **Fee (\$)**   **Fee Paid (\$)**  
 \_\_\_\_\_ - 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_  
 HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

**Total Sheets**   **Extra Sheets**   **Number of each additional 50 or fraction thereof**   **Fee (\$)**   **Fee Paid (\$)**  
 \_\_\_\_\_ - 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: submission of Information Disclosure Statement

**Fees Paid (\$)**

0.00

**SUBMITTED BY**

Signature	<i>Winston Hsu</i>	Registration No. (Attorney/Agent)	41,526	Telephone	302-729-1562
Name (Print/Type)	Winston Hsu	Date	01/04/2006		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1
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of 1

**Complete if Known**

Application Number	10/604,683
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Filing Date	08/10/2003
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First Named Inventor	Chih-Sheng Chou
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Art Unit	2644
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Examiner Name	CHIN, VIVIAN C
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Attorney Docket Number	LUCP0007USA
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## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	1	JP P2000-013411A	01-14-2000			+
	2	JP 1-155730	06-19-1989			+

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

5 Applicants: Chih-Sheng Chou, Chat-Chin Quek,  
Ho-Tsung Chang, Hsu-Hsiang Tseng  
Filing Date: 08/10/2003  
Art Unit: 2644  
APPL No.: 10/604,683  
10 Docket.No.: LUCP0007USA  
Examiner: CHIN, VIVIAN C  
Confirmation No.: 1682

15 Title: AUDIO AND DATA MULTIPLEXED WIRELESS AUDIO  
SYSTEM

To: The Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

20 Subject: Information disclosure statement Under  
37C.F.R. §1.56.

25 Dear Sir:

This is an Information Disclosure Statement in  
accordance with the duty to disclose information  
material to patentability under 37 CFR §1.56. The  
30 applicants wish to make of record each of the documents  
listed on the accompanying form PTO/SB/08.

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Since the IDS is filed before the mailing date of a first Office action on the merits, consideration of the information disclosure statement is hereby requested according to 37C.F.R. §1.97(b). The prior art patents  
5 contained in the information disclosure statement were cited in the communication from the Intellectual Property Office of Japan, on October 4, 2005 for a counterpart Japanese patent application. Applicants sincerely hope that the examiner can consider the items contained in the information  
10 disclosure statement.

According to the requirement set forth in 37 CFR §1.98 and MPEP 609, applicants are submitting a copy of items contained in the IDS: Japanese Publication #JP  
15 P2000-013411A (published on Jan 14, 2000); and Japanese Publication #JP 1-155730 (published on June 19, 1989).

A translation of the abstract of the Japanese publication #JP P2000-013411A is as follows: To  
20 respectively individually control the outputs of respective speakers concerning a broadcasting device to be used for the private broadcasting facility of a building or the like. Plural pieces of speaker terminal equipment 31, 31 ..., are connected through a bus to a  
25 transmission line 1 for broadcasting in digital broadcasting line configuration. Data provided by multiplexing plural pieces of acoustic data provided from a microphone 21 or playing equipment 22 in time division manner control data for controlling which  
30 acoustic data are to be outputted from the respective speakers 31, 31 ..., are inputted to the transmission line 1 from the main equipment 23. On the side of respective pieces of speaker terminal equipment 31, 31 ...,

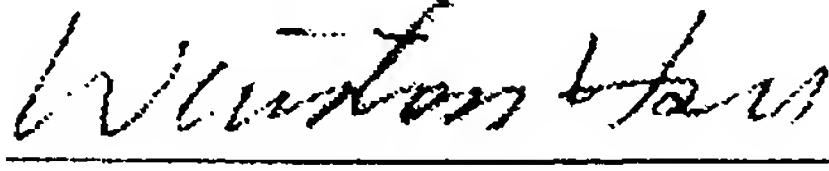
according to the control data, any one of respective acoustic data is selected, converted to sounds and outputted. In this case, in addition to the speaker terminal equipment 31, various kinds of terminal equipment 41-81 are connected through a bus to the transmission line 1 and these pieces of terminal equipment 41-81 are controlled by a main unit 23 as well.

10 A translation of the abstract of the Japanese publication #JP 1-155730 is as follows: To simplify the title equipment by multiplexing plural video signals and audio signals and sending the result through a signal transmission line means. Signals being the  
15 result of digital conversion of plural signals and a signal SCA being the result of time division multiplex processing to a control data DC1 are obtained from an output terminal O of an encoder 3, the signal SCA is supplied to a modulator 5d and AM-modulated by the VSB  
20 system. Moreover, the video signal obtained at a terminal V of video tape recorders 1a~1c fed respectively to modulators 5a~5c and AM-modulated respectively by the VSB system. The output signal of the modulators 5a~5d is fed to a mixer 6, where it is  
25 subject to frequency multiplex. Then the signal SMF subject to frequency multiplex from the mixer 6 is fed to one end of a leakage cable 11 being a component of a 2-way signal transmission means via a branching device 7.

30

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Respectfully submitted,



Date: January 04, 2006

5 Winston Hsu, Patent Agent No. 41,526  
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10

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